

This miniproject asks you prove some results of tiling a checkerboard with dominoes.

- (a) Prove or disprove: It is possible to tile a standard checkerboard with two adjacent corners removed (that is, corners that are not opposite).
- (b) Prove or disprove: It is possible to tile a standard checkerboard with all four corners removed.
- (c) Prove or disprove: It is possible to tile a standard checkerboard with the first and third squares in the first row removed.